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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/530,267	04/05/2005	Andrei Radulescu	NL 021031	3641
24737 7590 03/02/2007 PHILIPS INTELLECTUAL PROPERTY & STANDARDS P.O. BOX 3001 BRIARCLIFF MANOR, NY 10510			EXAMINER PHAN, RAYMOND NGAN	
			ART UNIT	PAPER NUMBER
			2111	

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	03/02/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/530,267	<b>Applicant(s)</b> RADULESCU ET AL.	
	<b>Examiner</b> Raymond Phan	<b>Art Unit</b> 2111	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 07 October 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-7 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-7 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date <u>11092005</u> . | 6) <input type="checkbox"/> Other: _____  |

### **Part III DETAILED ACTION**

#### ***Notice to Applicant(s)***

1. This application has been examined. Claims 1-7 are pending.
2. The Group and/or Art Unit location of your application in the PTO has changed. To aid in correlating any papers for this application, all further correspondence regarding this application should be directed to Group Art Unit 2111.

#### ***Specification***

3. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

#### ***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. § 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1-7 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Lin et al. (US No 4,807,118) in view of Barr et al. (US Pub No. 2003/0182419).

In regard to claims 1, 7, Lin et al. disclose the system comprising a plurality of processing modules 10, 20 and a network arranged for providing at least one connection between a first 10 and at least one second 20 module, wherein said connection supports transactions comprising outgoing messages from the first module to the second modules and return messages from the second modules to the first module (see figure 3, col. 6, lines 49-67). But Lin et al. do not specifically disclose wherein the at least one connection comprises a set of communication channels each having a set of connection properties, the connection properties of

the different communication channels of said connection being adjustable independently. However Barr et al. disclose the at least one connection comprises a set of communication channels each having a set of connection properties, the connection properties of the different communication channels of said connection being adjustable independently (see para 44-45). Therefore, it would have been obvious to a person of an ordinary skill in the art at the time the invention was made to have combined the teachings of Barr et al. within the system of Lin et al. because it would dynamically manage and assign access to communication channels between the application and a server application.

In regard to claim 2, Barr et al. disclose further comprising: at least one communication managing means (CM) (i.e. message manager 517) for managing the communication between different modules (see figure 6, para 45); and at least one resource managing means (RM) (i.e. stream manager 519) for managing the resources of the network (N) (see figure 6, para 45). Therefore, it would have been obvious to a person of an ordinary skill in the art at the time the invention was made to have combined the teachings of Barr et al. within the system of Lin et al. because it would dynamically manage and assign access to communication channels between the application and a server application.

In regard to claim 3, Barr et al. disclose wherein said first module (M; I) is adapted to issue a request (REQ) for a connection with at least one of said second modules to said communication managing means (CM), said communication managing means (CM) is adapted to forward said request (REQ) for a connection with communication channels each having a specific set of connection properties to said resource managing means (RM), said resource managing means (RM) is adapted to determine whether the requested connection based on said

communication channels with said specific connection properties are available, and to respond the availability of the requested connection to said communication managing means (CM), wherein a connection between the first and second module is established based on the available properties of said communication channels of said connection (see para 45). Therefore, it would have been obvious to a person of an ordinary skill in the art at the time the invention was made to have combined the teachings of Barr et al. within the system of Lin et al. because it would dynamically manage and assign access to communication channels between the application and a server application.

In regard to claim 4, Barr et al. disclose wherein said communication managing means (CM) is adapted to reject establishing a connection based on the available connection properties when the available connection properties are not sufficient to perform the requested connection between said first and second module (M, I, S, T) (see para 46). Therefore, it would have been obvious to a person of an ordinary skill in the art at the time the invention was made to have combined the teachings of Barr et al. within the system of Lin et al. because it would dynamically manage and assign access to communication channels between the application and a server application.

In regard to claim 5, Barr et al. disclose wherein said communication managing means (CM) is adapted to request a reset of the connection between said first and second module (M, I, S, T), when said modules have successfully performed their transactions (see para 62-63). Therefore, it would have been obvious to a person of an ordinary skill in the art at the time the invention was made to have combined the teachings of Barr et al. within the system of Lin et al.

because it would dynamically manage and assign access to communication channels between the application and a server application.

In regard to claim 6, Lin et al. disclose further comprising: at least one network interface means (NI) (i.e. Ethernet), associated to each of said modules, for managing the communication between said modules and said network (N) (see col. 8, lines 49-67). Therefore, it would have been obvious to a person of an ordinary skill in the art at the time the invention was made to have combined the teachings of Barr et al. within the system of Lin et al. because it would dynamically manage and assign access to communication channels between the application and a server application.

### ***Conclusion***

6. All claims are rejected.

7. The prior arts made of record and not relied upon are considered pertinent to applicant's disclosure.

**Bixby et al. (US No. 5,317,568)** disclose a method and apparatus for managing and facilitating communications in a distributed heterogeneous network.

**James et al. (US No. 6,539,450)** disclose a method and system for adjusting isochronous bandwidth on the bus.

**Grun (US No. 6,629,166)** discloses the methods and systems for efficient connection of I/O devices to a channel-based switched fabric.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to examiner Raymond Phan, whose telephone number is (571) 272-3630. The examiner can normally be reached on Monday-Friday from 6:30AM- 4:00PM.

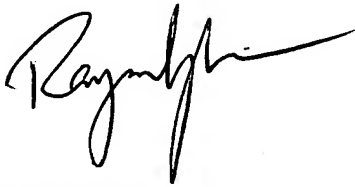
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mark Rinehart can be reached on (571) 272-3632 or via e-mail addressed to mark.rinehart@uspto.gov. The fax phone number for this Group is (571) 273-8300.

Communications via Internet e-mail regarding this application, other than those under 35 U.S.C. 132 or which otherwise require a signature, may be used by the applicant and should be addressed to [raymond.phan@uspto.gov].

All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any inquiry of a general nature or relating to the status of this application should be directed to the TC 2100 central telephone number is (571) 272-2100.

A handwritten signature in black ink, appearing to read 'Raymond Phan', with a long, sweeping horizontal stroke extending to the right.

**Raymond Phan**  
**February 26, 2007**